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File: DWPI

Jan 10, 2003

DERWENT-ACC-NO: 1998-287407

DERWENT-WEEK: 200315

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TITLE: Imprinting identification information in digital content without reserved areas - imprinting unique identification information into content of digital data, either in defined location or spread throughout data

INVENTOR: ITO, H; YAMASHITA, S

PATENT-ASSIGNEE: MONOLITH CO LTD (MONON), MONOLYTH KK (MONON)

PRIORITY-DATA: 1997JP-0282468 (September 9, 1997), 1996JP-0296830 (November 8, 1996)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 2003008882 A	January 10, 2003		009	H04N001/387
WO 9820672 A2	May 14, 1998	E	023	H04N001/32
JP 10191036 A	July 21, 1998		008	H04N001/387
AU 9854308 A	May 29, 1998		000	H04N001/32
EP 938807 A1	September 1, 1999	E	000	H04N001/32
CN 1236521 A	November 24, 1999		000	H04N001/32
KR 2000053169 A	August 25, 2000		000	H04N001/32
US 20010013097 A1	August 9, 2001		000	H04L009/00
<u>JP 2001519099 W</u>	October 16, 2001		031	H04N001/387
JP 2002368985 A	December 20, 2002		010	H04N001/387

DESIGNATED-STATES: AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW AT BE CH DE DK EA ES FI FR GB GH GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW DE FR GB NL SE

CITED-DOCUMENTS: No-SR.Pub

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP2003008882A	November 6, 1997	1998JP-0521791	Div ex
JP2003008882A	November 6, 1997	2002JP-0067077	
WO 9820672A2	November 6, 1997	1997WO-US20309	
JP 10191036A	September 9, 1997	1997JP-0282468	
AU 9854308A	November 6, 1997	1998AU-0054308	
AU 9854308A		WO 9820672	Based on
EP 938807A1	November 6, 1997	1997EP-0948195	
EP 938807A1	November 6, 1997	1997WO-US20309	
EP 938807A1		WO 9820672	Based on
CN 1236521A	November 6, 1997	1997CN-0199442	
KR2000053169A	November 6, 1997	1997WO-US20309	
KR2000053169A	May 8, 1999	1999KR-0704111	
KR2000053169A		WO 9820672	Based on
US20010013097A1	November 6, 1997	1997WO-US20309	Cont of
US20010013097A1	May 4, 1999	1999US-0304644	
JP2001519099W	November 6, 1997	1997WO-US20309	
JP2001519099W	November 6, 1997	1998JP-0521791	
JP2001519099W		WO 9820672	Based on
JP2002368985A	November 6, 1997	1998JP-0521791	Div ex
JP2002368985A	November 6, 1997	2002JP-0067079	

INT-CL (IPC): G06 F 12/14; G06 K 9/36; G06 T 1/00; G09 C 1/00; G09 C 5/00; G10 L 11/00; H04 L 9/00; H04 L 9/08; H04 L 9/14; H04 L 9/32; H04 N 1/32; H04 N 1/387; H04 N 1/44; H04 N 7/08; H04 N 7/081

ABSTRACTED-PUB-NO: US20010013097A

BASIC-ABSTRACT:

The method for imprinting identification information (ID) involves loading a digital content into an information terminal at which it will be used. A representation of an ID associated with the information terminal or a user is imprinted into a perceivable portion of the loaded content.

A lower bit of the data values is manipulated at the given location of the loaded content so as to perform imprinting.

The representation of the ID includes several bits. The manipulating step involves replacing a least significant bit of each of a sequence of data values at the given location of the loaded content by a corresponding bit in the representation of the ID.

USE - For secure encryption. For Internet.

ADVANTAGE - Can detect identification without comparing content. Easy to trace illegal copies of information. Easy to detect and interpret identification.

ABSTRACTED-PUB-NO: WO 9820672A

EQUIVALENT-ABSTRACTS:

The method for imprinting identification information (ID) involves loading a digital content into an information terminal at which it will be used. A representation of an ID associated with the information terminal or a user is imprinted into a perceivable portion of the loaded content.

A lower bit of the data values is manipulated at the given location of the loaded content so as to perform imprinting.

The representation of the ID includes several bits. The manipulating step involves replacing a least significant bit of each of a sequence of data values at the given location of the loaded content by a corresponding bit in the representation of the ID.

USE - For secure encryption. For Internet.

ADVANTAGE - Can detect identification without comparing content. Easy to trace illegal copies of information. Easy to detect and interpret identification.

CHOSEN-DRAWING: Dwg.3/16

DERWENT-CLASS: P85 P86 T01

EPI-CODES: T01-H07C5A; T01-J12C;